

## Product datasheet

# Recombinant Human CD74 protein (His tag) ab174039

1 Image

### Description

<b>Product name</b>	Recombinant Human CD74 protein (His tag)	
<b>Purity</b>	> 95 % SDS-PAGE.	
<b>Endotoxin level</b>	< 1.000 Eu/μg	
<b>Expression system</b>	HEK 293 cells	
<b>Accession</b>	<b><u>P04233-2</u></b>	
<b>Protein length</b>	Protein fragment	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	QQQGRLDKLVTSQNLQLENLRMKLPKPPKPVSKMRMAT PLLMQALPMGA LPQGPQMKNATKYGNMTEHDHVMHLLQNADPLKVYPPLKGS FPENLRHLKNT METIDWKVFEFESWMHWHLLFEMSRHSLEQKPTDAPPKES LELEDPSSGLGV TKQDLGPVPM	
<b>Predicted molecular weight</b>	19 kDa including tags	
<b>Amino acids</b>	73 to 232	
<b>Tags</b>	His tag N-Terminus	
<b>Additional sequence information</b>	Human CD74, His Tag (CD4-H524c) is expressed from human 293 cells (HEK293). It contains AA Gln 73 - Met 232 (Accession # NP_004346.1).	

### Specifications

Our **Abpromise guarantee** covers the use of **ab174039** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
<b>Form</b>	Lyophilized
<b>Additional notes</b>	Lyophilized from 0.22 μm filtered solution.

### Preparation and Storage

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### Stability and Storage

Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: 95% PBS, 5% Trehalose

### Reconstitution

Reconstitute with sterile deionized water to a concentration of 400 µg/ml.

## General Info

### Function

Plays a critical role in MHC class II antigen processing by stabilizing peptide-free class II alpha/beta heterodimers in a complex soon after their synthesis and directing transport of the complex from the endoplasmic reticulum to the endosomal/lysosomal system where the antigen processing and binding of antigenic peptides to MHC class II takes place. Serves as cell surface receptor for the cytokine MIF.

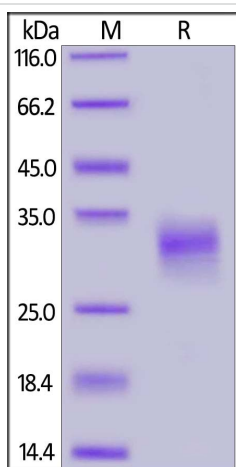
### Sequence similarities

Contains 1 thyroglobulin type-1 domain.

### Cellular localization

Cell membrane. Endoplasmic reticulum membrane. Golgi apparatus > trans-Golgi network. Endosome. Lysosome. Transits through a number of intracellular compartments in the endocytic pathway. It can either undergo proteolysis or reach the cell membrane.

## Images



SDS-PAGE - Recombinant Human CD74 protein  
(His tag) (ab174039)

SDS-PAGE analysis of ab174039 under reducing (R) condition.

The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We investigate all quality concerns to ensure our products perform to the highest standards

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